

# TIPS TO LEARN AND SCORE HIGH IN MATHEMATICS

Dear Mathematics Aspirants,

It is known that Mathematics is one of the challenging subjects for many students as it demands critical thinking and understanding skills. As the subject has its continuity to the next class, even a class 10 student requires the concepts of primary school mathematics such as odd numbers, even numbers, prime numbers, divisibility rules, factors, multiples. Lack of previous knowledge makes a student to get worried about dealing with math problems. To avoid such a state of mind, and attain the feel of comfort with Mathematics, Dream World School has attempted to give you some **tips**.

1. The most important thing in learning mathematics is 'having good language skills'.  
A language is a doorstep of wisdom.
2. Good English is very much essential to understand mathematical concepts. So you must be good at English.
3. Mathematics is all about good thinking skills. Mastering the concepts and having an intuitive mind are two phases of learning mathematics.
4. Thinking differently (out of the box) in all possible ways about a problem/concept provides space for learning mathematics more clearly.
5. Concentrating and participating in a mathematics class is so vital to ensure the ability to perform well in mathematics.
6. Endeavouring to observe, analyse, and apply the mathematical skills in every walk of life boosts the confidence level of an aspirant.
7. Reviewing your errors/mistakes after the tests and relearning are highly recommended.
8. Getting your doubts clarified from class teachers/parents/good friends is crucial.
9. Practising regularly and putting sincere efforts to learn mathematical concepts leads you to overcome *mathemaphobia* and hence, it brings ease and joy of doing mathematics.
10. Working on SUDOKU puzzles, PSA Question Papers, CSR Questions, Questions from Olympiad Exams gives much scope for strengthening mathematical skills.
11. Developing interest in mathematics by reading some good books related to mathematics like 'Vedic Mathematics for All' by Ramnandan Shashtri, 'The Man Who Knew Infinity' by Robert Kanigel, 'Figuring – The Joy of Mathematics' by Shakuntala Devi, 'More Puzzles' by Shakuntala Devi.

**You are asked to work and practise thoroughly on mathematics in the following aspects, which are sufficient to gain confidence and excel in Annual Exams.**

**Aspect 1:** Notebook Work (Terminology, The Basics, Theory, Class Work & Home Work)

**Aspect 2:** Worksheets

**Aspect 3:** Chapter Tests

**Aspect 4:** Periodic Tests and other Internal Assessment Tests

**Aspect 5:** Preparatory (Zone) Exams / Practice Tests

**Note:** If your solution is not correct in the test/exam, or if you haven't understood the way of solving a problem, here is the method to succeed.

- a. Understand the basics and theory related to the problem/subconcept.
- b. Solve and practise similar example problems from the textbook/reference books.
- c. Then you work out the problem that you did not understand before.

**Regards**

**Dream World School, Ballari.**